

**WHAT IS CLAIMED IS:**

1. A low voltage auto-interruption device of a car battery comprising a voltage detection and interruption device; the voltage detection and interruption device being installed between a power consuming device in a car, a battery for supplying power to the power consuming device; and a switch of the power consuming device; when a voltage of the battery is lower than a preset value, the voltage detection and interruption device interrupting a power supply of the power consuming device.

2. The low voltage auto-interruption device of a car battery as claimed in claim 1, wherein the voltage detection and interruption device includes a high voltage comparator, a low voltage comparator and an interruption control circuit.

3. The low voltage auto-interruption device of a car battery as claimed in claim 1, wherein the power consuming device is a headlight of the car.

4. The low voltage auto-interruption device of a car battery as claimed in claim 1, wherein the power consuming device is one selected from air cleaners fog lights, DVD drives, VCD drives, liquid crystal TVs, Audio devices, car used players, Kara OK, and amplifiers.